

Devi

1641

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/284,233

DATE: 12/10/1999
TIME: 10:38:53

Input Set: I284233.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

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1 <110> APPLICANT: MEYER, Thomas F.
2 HAAS, Rainer
3 ZHENGXIN, Yan
4 GOMEZ-DUARTE, Oscar
5 LUCAS, Bernadette
6 <120> TITLE OF INVENTION: Helicobacter pylori live vaccine
7 <130> FILE REFERENCE: P564-9008
8 <140> CURRENT APPLICATION NUMBER: US/09/284,233
9 <141> CURRENT FILING DATE: 1999-07-28
10 <150> EARLIER APPLICATION NUMBER: PCT/EP97/04744
11 <151> EARLIER FILING DATE: 1997-09-01
12 <150> EARLIER APPLICATION NUMBER: EP/96 116 337.5
13 <151> EARLIER FILING DATE: 1996-10-11
14 <160> NUMBER OF SEQ ID NOS: 6
15 <170> SOFTWARE: PatentIn Ver. 2.1
16 <210> SEQ ID NO 1
17 <211> LENGTH: 1557
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19 <213> ORGANISM: Helicobacter pylori
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21 <221> NAME/KEY: CDS
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26 1 5 10 15
27 tta agc ttg agc ttc aat cca gtg ggc gct gaa gaa gat ggg ggc ttt 96
28 Leu Ser Leu Ser Phe Asn Pro Val Gly Ala Glu Glu Asp Gly Gly Phe
29 20 25 30
30 atg acc ttt ggg tat gaa tta ggt cag gtg gtc caa caa gtg aaa aac 144
31 Met Thr Phe Gly Tyr Glu Leu Gly Gln Val Val Gln Gln Val Lys Asn
32 35 40 45
33 ccg ggt aaa atc aaa gcc gaa gaa tta gcc ggc ttg tta aac tct acc 192
34 Pro Gly Lys Ile Lys Ala Glu Leu Ala Gly Leu Leu Asn Ser Thr
35 50 55 60
36 aca aca aac aac acc aat atc aat att gca ggc aca gga ggc aat gtc 240
37 Thr Thr Asn Asn Thr Asn Ile Asn Ile Ala Gly Thr Gly Gly Asn Val
38 65 70 75 80
39 gcc ggg act ttg ggc aac ctt ttt atg aac caa tta ggc aat ttg att 288
40 Ala Gly Thr Leu Gly Asn Leu Phe Met Asn Gln Leu Gly Asn Leu Ile
41 85 90 95
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65	210 215 220	
66	atc cta aag caa gct tca atc act atg ggg cca agc ggt gat agc ggt	720
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74	260 265 270	
75	gtg caa aat atc gtc aat aat tct caa aac gct tta acg cta gcc aac	864
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102	agt agg agt ctt aat gcg ggc ttc ttt ggg ggg atc caa ctc gca ggg			1296
103	Ser Arg Ser Leu Asn Ala Gly Phe Phe Gly Gly Ile Gln Leu Ala Gly			
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109	Pro Thr Ala Thr Lys Phe Gln Phe Leu Phe Asp Val Gly Leu Arg Met			
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112	Asn Phe Gly Ile Leu Lys Lys Asp Leu Lys Ser His Asn Gln His Ser			
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140	Asp Leu Tyr Pro Thr Leu Asn Thr Ser Asn Ile Thr Gln Cys Gly Thr			
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169	325	330	335
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172	Asn Gly Phe Ile Thr Lys Ile Gly Tyr Lys Gln Phe Phe Gly Glu Asn		
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174	Lys Asn Val Gly Leu Arg Tyr Tyr Gly Phe Phe Ser Tyr Asn Gly Ala		
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176	Gly Val Gly Asn Gly Pro Thr Tyr Asn Gln Val Asn Leu Leu Thr Tyr		
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182	Asp Thr Tyr Ile Ser Thr Leu Arg Asn Ser Ser Gln Leu Ala Ser Arg		
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184	Pro Thr Ala Thr Lys Phe Gln Phe Leu Phe Asp Val Gly Leu Arg Met		
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188	Ile Glu Ile Gly Val Gln Ile Pro Thr Ile Tyr Asn Thr Tyr Tyr Lys		480
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 199 <221> NAME/KEY: CDS
 200 <222> LOCATION: (1)..(1554)
 201 <400> SEQUENCE: 3

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